METHOD AND APPARATUS FOR ALLOCATING
RESOURCES TO APPLICATIONS

ABSTRACT

A method, system, and apparatus is disclosed for allocating resources to applications. Available resources of a networked computing system may be determined. For each application, required resources of the application may be determined. An assigned subset of the available resources for each application is determined as a function of the required resources of the application and the available resources. The function reduces communication delays between resources of the subset of the available resources in conformance with bandwidth capacity requirements of the application and in conformance with network bandwidth limitations. The applications may then be associated with the assigned subsets of resources.